





F16.3

START: RECENTE INCOMMENTE CALLLATE 305
FROM NETWORK AT GATEWAY MSC MAVING I-HUR)
ALIOCATE DLCI ON GATEWAY PHV]-310
TRANSMIT ROUTING REDUCT (INVOKE) -315 CONTAINING DICE TO SCRUNG MSC
TRANSMIT ROUTING REQUEST RETURN RESULT 320
CONTAINING BASE STATION PACKET ADDRESS AND DICI
BASE STATION AND GATEWAY MSC PROVIDES - 325
BASE STATION PACKET ADDRESS TO ITS PHU TO
ESTABLISH A VOICE PATH BETWEEN THE BASE
STATION AND THE GATEWAY MSC VIA ATM PACKET NETWORK
SERVING MSC PROVIDED ALERT TO MUBILE UNIT -330
ANSWERED?>335
I YES
PROVIDE ANSWER INDICATION TO GATEWAY MSC
AND PROVIDE CONNECTION OR LINK TO - 340
INCOMING CALL LEG UTILIZING
ATM LINK THROUGH GATENAY MSC
NO ANSWER -345 TIME EXPIRED?
YES
3.70
(RETURN) 350

F16.4

START: VIA BASE STATION, SERVING MSC RECEIVES ORIGINATION WITH DIALED - 400 DIGITS FROM MOBILE UNIT

SERVING MSC DETERMINES FROM VLR THAT MUBILE UNIT HAS GATEWAY DRIGINATION TRIGGER

SERVING MSC TRANSMITS GATEWAY ORIGINATION REDUCTOR (INVOKE) TO GATEWAY MSC (WITH I-HLR) CONTAINING MUBILE ID, DIALED DIGITS, AND BASE STATION PACKET ADDRESS

410

415

420

GATEWAY MSC (WITH I-HCR) ALLOCATES DICI ON PHV AND PROVIDES PHV WITH BASE STATION ADDRESS

GATEWAY MSC (WITH I-HLR) TRANSMITS GATEWAY ORIGINATION REQUEST RETURN RESULT CONTAINING DLCI TO SERVING MSC

SERVING MSC PROVIDES DUCE TO THE BASE 1425 STATION TO ESTABLISH A VOICE PATH BETWEEN THE BASE STATION AND THE GATEWAY MSC VIA THE ATM PACKET NETWORK

GATEWAY MSC SETS UP DUTGOING CALL
BASED ON SUBSCRIBER DATA AND DIALED 430
DIGITS, WITH A CONNECTION OR LINK
BETWEEN PACKET (ATM) VOICE PATH
AND DUTGOING CALL

RETURN 435

F16.5

## F16.6

START: REZEIVE INCOMING CALL LEG FROM )-500 NETWORK AT GATEWAY MSC
ALLOCATE DICI ON GATEWAY PHV - 505
TRANSMIT LOCATION REDUEST (INVOKE) 510 CONTAINING DICE TO SHIR
(INVOKE) CONTAINING DICE TO SERVING MSC
SERVING MSC PROVIDES ROUTING REDUCT SZO RETURN RESULT (HAVING DLCE RESULT AND SZO BASE STATION PACKET ADDRESS) TO S-HLR
S-HLR PROVIDES LOCATION REDUEST RETURN SIS RESULT (HAVING DICT RESULT, BASE STATION SIS
ADDRESS AND VLR PROFILE) TO GATEWAY MSC
SERVING MSC PROVIDES PLCI TO BASE STATION
AND GATEWAY MSC PROVIDES BASE STATION PACKET 530 ADDRESS TO ITS PHV TO ESTABLISH A VOICE
PATH BETWEEN THE BASE STATION AND THE
GATEWAY MSC VIA ATM PACKET NETWORK
SERVING MSC PROVIDES ALERT TO MUBILE UNIT _535
NO ANSWERED ? > 540
Lyies
PROVIDE ANSWER INDICATION TO GATEWAY MSC AND PROVIDE CONNECTION OR LINK TO
INCOMING CALL LEG LITTLIZING +545
ATM LINK THROUGH GATEWAY MSC
NO ANSWER TIME EXPIRED > 550 NES
TIME EXPIRED >
163
(RETURN) 5555

-610

-620

-625

-645

START: VIA BASE STATION, SERVING MSC REZEIVES ORIGINATION WITH DIALED DIGITS 600 FROM MOBILE UNIT

SERVING MSC DETERMINES FROM VLR THAT 605 MUBICE UNIT HAS GATEWAY ORIGINATION TRIGGER

SERVING MSC TRANSMITS (VIA S-HLR) GATEWAY
OFIGINATION REQUEST (INVOKE) TO GATEWAY
MSC CONTAINING MUBILE ID DIALED DIGITS, AND
BASE STATION PACKET ADDRESS

GATEWAY MSC ALLOCATES DLCI ON ITS PHV AND PROVIDES PHV WITH BASE STUTION / 615 PACKET ADDRESS

GATEWAY MSC TRANSMITS (VIA S-HLR) A
GATEWAY ORIGINATION REQUEST RETURN RESULT
CONTAINING THE DICE TO THE SERVING MSC

SERVING MSC PROVIDES PLCI TO THE BASE STATION TO ESTABLISH A VOICE PATH BETWEEN THE BASE STATION AND THE GATEWAY MSC VIA THE ATM PACKET NETWORK

VER PROFILE FOR MUBILE UNIT? > 630

(INVOKE) TO S-HLR TO OBTAIN VLR

S-HLR TRANSMITS QUALIFICATION REDUCT - 6
PETURN REDUCT CONTAINING VLR PROFILE
TO GATEWAY MSC

GATEWAY MSC SETS UP OUTGOING CALL BASED UPON SUBSCRIBER PATA AND DIALED DIGITS, WITH A CONNECTION OR LINK BETWEEN THE PACKET (ATM) VOICE PATM AND THE OUTGOING CALL

RETURN 650